

ECS Configuration Change Request

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Page(s)

1. Originator Francell Gray	2. Log Date: 2/4/03	3. CCR #: 03-0071	4. Rev: -	5. Tel: (301)925-0969	6. Rm #: 3035A	7. Dept. RDEV
8. CCR Title: Install MIPSpro 7.3.1.3 compilers, ProDev ver 2.9.2 and related patches in the IDG Cell						
9. Originator Signature/Date W. Francell Gray /s/ 02/04/03			10. Class IN	11. Type: CCR	12. Need Date: 2003-02-20	
13. Office Manager Signature/Date Desryn Duncan /s/ 2/4/03			14. Category of Change: EDF (RTSC)		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist): None			17. Schedule Impact: N/A		18. Cl(s) Affected:	
19. Release Affected by this Change: 6A		20. Date due to Customer: N/A		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input checked="" type="checkbox"/> Other: ECS COTS Deployment Plan, Vol 7 (335-CD-007-001) P3 Task: DVICTXT390, DSMGTX463						
23. Problem: (use additional Sheets if necessary) The current C++ compiler for IRIX, MIPSpro ver 7.3.1.2, has reached end of support date. Only versions 7.3.1.3 and 7.4 will be actively patched by SGI. However, we cannot move to 7.4 since Roguewave libraries are not certified for that compiler. Version 7.3.1.3 must be evaluated in the IDG cell before it can be loaded in the functionality lab, VATC or PVC.						
24. Proposed Solution: (use additional sheets if necessary) 1) Install MIPSpro, ProDev, and related runtime patches on scully. 2) Install ProDev and related runtime patches on protog1.						
25. Alternate Solution: (use additional sheets if necessary) None						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) We would have to use some other machines for the compiler upgrade, or forego testing the compiler in the IDG cell as per the standard COTS upgrade process.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input checked="" type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): B. J. Kimball /s/ 2/5/03			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. M&O CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			